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# Hex Antibody

Rabbit mAb
Catalog # AP92135

## Product Information

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| **Application** | WB, IP |
| **Primary Accession** | Q03014 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Other Names** | HEX; HHEX; HMPH; PRH; PRHX; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 30022 |

## Additional Information

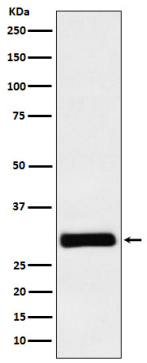
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|---|---|
| **Dilution** | WB 1:500~1:2000 IP 1:40 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human Hex |
| **Description** | Recognizes the DNA sequence 5'-ATTAA-3'. Transcriptional repressor. May play a role in hematopoietic differentiation. Establishes anterior identity at two levels; acts early to enhance canonical WNT-signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Protein Information

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| **Name** | HHEX |
| **Synonyms** | HEX, PRH, PRHX |
| **Function** | Recognizes the DNA sequence 5'-ATTAA-3' (By similarity). Transcriptional repressor (By similarity). Activator of WNT-mediated transcription in conjunction with CTNNB1 (PubMed:20028982). Establishes anterior identity at two levels; acts early to enhance canonical WNT- signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL (By similarity). Inhibits EIF4E-mediated mRNA nuclear export (PubMed:12554669). May play a role in hematopoietic differentiation (PubMed:8096636). |
| **Cellular Location** | Nucleus {ECO:0000250\|UniProtKB:P43120}. Nucleus, nuclear body. Cytoplasm |

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| **Tissue Location** | Liver and promyelocytic leukemia cell line HL-60. |

## Images




Western blot analysis of Hex expression in K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.